

## **FR-7/5 - FR-7b/5b**

### **STRUCTURE OF THE V-ACCORDION**

Before we show you how to operate the FR- 7/5 or FR-7b/5b, we briefly wish to explain the configuration of the V-Accordion. The FR-7/5 or FR-7b/5b is a "Virtual" accordion, which reproduces the sounds of various accordions. Therefore the FR-7/5 or FR-7b/5b has no real reeds but virtual reeds. Moreover, the FR-7/5 or FR-7b/5b has additional orchestral sounds, which you can play individually or in combination with the accordion sounds.

- **Register:** here you select the treble and bass section of the individual sounds (accordion & orchestra) that you would like to play with. When you go into the edit menu, you will "construct" your own "virtual" accordion (reed type, foot-switch, musette tuning, cassotto on/out etc.) per each register. All register settings must be saved, if you want to keep them. Otherwise they will get lost when selecting another SET or switch off the V-Accordion. Treble and bass registers can be linked with one another ("Link").
- **Set:** the individual sections (treble, bass etc.) are put together in one set so that you will immediately have all your settings at hand. The communal SET COMMON is for all sections of a set. The FR- 7/5 or FR-7b/5b offers 40 nominated set savings, for which you can basically "construct" a virtual accordion per set, or save all different accordions in one set, that you may need for a certain piece.
- **System:** the system parameters incorporate all sets and sections of the FR- 7/5 or FR-7b/5b (e.g. LCD-contrast, bellows sensitivity, bass modes). This also counts for the parameters comprised under TUNING (e.g. complete tuning, scaling).
- **Utility:** this group contains the informative parameters (e.g. battery status), copy parameters function and parameters for archiving your settings via MIDI.
- **MIDI:** the MIDI menu comprises the global parameters. The MIDI parameters of the individual sections can be found in the respective edit menus. The MIDI application for FR- 7/5 or FR-7b/5b can only be done with the FBC-7 foot switch.

## CONNECTING THE FBC-7 FOOT PEDAL

- ▶ In case the FR- 7/5 or FR-7b/5b is switched on, please shut it down.
- ▶ Connect the FR- 7/5 or FR-7b/5b to the FBC-7 using the 19-pin cable.
- ▶ Connect the AC INLET socket of the FBC-7 with the proper jack.



- ▶ Connect the OUTPUT socket of the FBC-7 with the external audio equipment. Before that reduce the volume to a minimum or switch it off.
- ▶ Switch [**POWER ON**] on the FBC-7.
- ▶ Switch on the FR- 7/5 or FR-7b/5b and then the external audio equipment and increase the volume.

## CHARGING THE BATTERY (without removing it from the instrument)

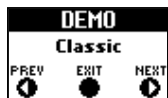
- ▶ Connect and switch on the FBC-7 as described above.
- ▶ Press [**BATTERY CHARGER**] on the FBC-7.  
(The FR- 7/5 or FR-7b/5b can also be used during battery charging as long as remains connected to the FBC-7.)
- ▶ Wait until the [**BATTERY CHARGER**] button lights green (battery charging has finished).
- ▶ Switch off the FBC-7 and remove the 19-pin connector to the FR- 7/5 or FR-7b/5b if you do not need the foot pedal for playing.

Remarks for BATTERY CHARGER diodes (for problem solving when loading check the manual, page 34 for FR-7/5 or page 35 for FR-7b/5b):

- **Lights red:** Battery is charging
- **Lights green:** Battery is fully charged
- **Flashes yellow right away:** The battery charging cannot start (temperature is below or above 0-40 degrees celsius.)
- **Flashes yellow after a while:** Battery is overheated
- **Flashes red:** Battery cannot be fully recharged.

## LISTENING TO THE DEMO SONGS

- ▶ Switch on the FR- 7/5 or FR-7b/5b with the [**POWER**] button.
- ▶ Press and hold the SET [◀] and [▶] buttons simultaneously for 2 seconds and the song playback will begin.
- ▶ With the SET [◀] or [▶] buttons select another demo song (the song name will be indicated in the display).



- ▶ Adjust the volume with the [**VOLUME**] knob.
- ▶ Leave the demo mode with [**EXIT/JUMP**].

## SELECTING THE "FULL" OR "EASY" MODE

EASY mode only shows the most important editing parameters. In FULL mode you have access to all parameters. Factory-made the EASY mode is preset.

**Note:** To use the full potential of your FR- 7/5 or FR-7b/5b, you need to select "Full" mode.

- ▶ Press and hold [**EXIT/JUMP**] until the display indicates "JUMP TO?..".
- ▶ Press the [**10**] and [**2**] register, to select the "Parameter Access" page in the SYSTEM menu.



- ▶ Press the [**DATA/ENTER**] control and turn it until it indicates "FULL" or "EASY".
- ▶ Without saving: press and hold [**EXIT/JUMP**] to go to the main page.
- ▶ Saving: press and hold [**MENU/WRITE**] and then [**DATA/ENTER**] and confirm With [**MENU/WRITE**].

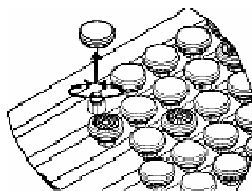


## CHANGING THE TREBLE MODE (ONLY FR-7b/FR-5b)

- ▶ Press and hold [**EXIT/JUMP**] until the display shows "JUMP TO?....".
- ▶ Press the [**10**] and [**ORCHESTRA (15)**] register to select the "Treble Mode" page in the SYSTEM menu.



- ▶ Press the [**DATA/ENTER**] controller and turn the knob until you have fixed the desired "Treble Mode" (C-Griff Europe, C-Griff 2, B-Griff Bajan, B-Griff Fin, D-Griff 1, D-Griff 2 ). More information about the individual modes can be found in the manual on pages 74/75/76.



You can, however, unscrew the buttons and install them in the right places so as to make the white and black buttons correspond to the notes being played.

- ▶ Without saving: press and hold [**EXIT/JUMP**] to go to the main page.
- ▶ Saving: press and hold [**MENU/WRITE**] and then [**DATA/ENTER**] and confirm with [**MENU/WRITE**].



## SETTING THE BELLOWS SENSITIVITY

- ▶ Press and hold [**EXIT/JUMP**] until the display shows "JUMP TO?...".
- ▶ Press the [**10**] and [**3**] register to select the "Bellows Curve" page in the SYSTEM menu.



- ▶ Press the [**DATA/ENTER**] controller and turn the knob until you have fixed the desired bellows sensitivity (Fixed-Low, Fixed-Med, Fixed High, X-Light, Light, Standard, Heavy, X-Heavy).
- ▶ Without saving: press and hold [**EXIT/JUMP**] to go to the main page.
- ▶ Saving: press and hold [**MENU/WRITE**] and then [**DATA/ENTER**] and confirm with [**MENU/WRITE**].



## PLAYING THE ACCORDION / SELECTING THE ACCORDION SETS

- ▶ Place the FR- 7/5 or FR-7b/5b, press a treble register above the piano/button keyboard and select one (or more) bass registers above the bass buttons. Play on both keyboards and move the bellows as with an acoustic accordion.
- ▶ Select a different register to change the timbre.
- ▶ Adjust the total volume with the [**VOLUME**] knob, and with the [**BALANCE**] knob adjust the volume between treble and bass.
- ▶ With the SET [◀] [▶] buttons select a different accordion type (Concerto, Classic, Jazz, etc.) and play a few notes again.
- ▶ Use the [**SORDINA**] switch to simulate the wooden resonance chamber (On/Off). The sound will be attenuated

## PLAYING WITH ORCHESTRA SOUNDS IN TREBLE

- ▶ Press the [**ORCHESTRA**] register and then the register with the desired orchestra sound.
- ▶ Press a different register to select a sound (with the first 9 treble registers you can obtain a second sound by pressing the same register again).
- ▶ Press and hold the [**ORCHESTRA**] register, while you select the desired Orchestra Mode with [**11**], [**12**], [**13**] or [**14**]  
 SOLO [14]: only orchestra sound;  
 DUAL [13]: orchestra & accordion sound;  
 HIGH [12]: higher notes with orchestra sound, deeper notes with accordion sound;  
 LOW [11]: higher notes with accordion sound, deeper notes with accordion sound.
- ▶ Press the Masterbar below the treble keyboard to alternately switch the orchestra part on and off.
- ▶ To change the Volume of the treble orchestra sound, press [**DOWN**] and with the [**DATA/ENTER**] control select the desired value (standard, lower or higher). Leave the menu with [**EXIT/JUMP**].
- ▶ To switch off the orchestra part, press the [**CANCEL**] register 14.

## PLAYING WITH ORCHESTRA BASS SOUNDS

- ▶ Press the three [**ORCH BASS**] registers simultaneously and with the bass register select the desired sound.

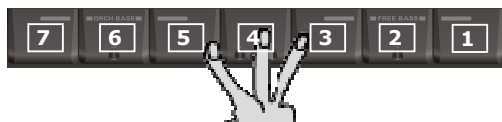


1 Acoustic	5 Picked
2 Bowed	6 Tuba
3 Fingered	7 Tuba Mix
4 Fretless	

- ▶ Press a different register to change the sound.
- ▶ To change the volume of the bass orchestra sounds, press [**DOWN**] twice, and with the [**DATA/ENTER**] control, set the desired value. Leave the menu with [**EXIT/JUMP**].
- ▶ Press the three [**ORCH BASS**] registers simultaneously to change in normal bass mode.

## PLAYING WITH ORCHESTRA CHORD SOUNDS

- ▶ Simultaneously press the three [**ORCH CHORD**] registers in the middle and with the bass register select the desired sound.
- ▶ Press a different register to change the sound.



1 Trombone	5 Voice
2 Tenor Sax	6 Ac Guitar
3 Clarinet	7 Ac Piano
4 Trem Organ	

- ▶ To change the volume of the chord orchestra sounds, press [**DOWN**] three times, and with the [**DATA/ENTER**] control, set the desired value. Leave the menu with [**EXIT/JUMP**].
- ▶ Press the three [**ORCH CHORD**] registers simultaneously to change in normal chord mode.

## USING "FREE BASS" MODE

- ▶ Press the three [**FREE BASS**] registers simultaneously and with a bass register select the desired sound. If needed, select a different bass registration.



- ▶ Press the three [**FREE BASS**] registers simultaneously to change in normal bass mode.

## PLAYING WITH ORCHESTRA FREE BASS SOUNDS

- ▶ Press the three [**FREE BASS**] registers simultaneously.



- ▶ Simultaneously press the three [**ORCH FREE BASS**] registers in the middle and with the bass register select the desired sound.



1 Trombone	5 Perc Organ
2 Clarinet	6 Ac Guitar
3 Oboe	7 Ac Piano
4 Flute	

- ▶ Press a different register to change the sound.
- ▶ To change the volume of the Free Bass orchestra sounds, press [**DOWN**] four times, and with the [**DATA/ENTER**] control, set the desired value. Leave the menu with [**EXIT/JUMP**].
- ▶ Press the three [**ORCH FREE BASS**] registers simultaneously to change in normal Free Bass mode.

## CHANGING THE "BASS & CHORD" MODE AND THE "FREE BASS" MODE

- ▶ Press and hold [**EXIT/JUMP**] until the display indicates "JUMP TO?...".
- ▶ Press the [**10**] and [**5**] register ("Bass & Chord Mode"), and the [**10**] and [**6**] register ("Free Bass Mode").



- ▶ Press the [**DATA/ENTER**] control and turn it until you have fixed the desired mode (more information about the individual modes can be found in the manual on pages 70/71).
- ▶ Without saving: press and hold [**EXIT/JUMP**] to go to the main page.
- ▶ Saving: press and hold [**MENU/WRITE**] and then [**DATA/ENTER**] and confirm with [**MENU/WRITE**].



**Remark:** The FR- 7/5 or FR-7b/5b is supplied with several reference caps (concave and with lines) designed to help you locate the bass and chord buttons without looking at them. (more information about the reference caps can be found in the manual on page 23)

Slide up to remove



Reference cap

Slide over button

## EDITING A TREBLE REGISTER

- ▶ Select a SET and then the to be adapted treble register.
- ▶ Press [**MENU/WRITE**] and turn the [**DATA/ENTER**] controller until you find the function group TREBLE EDIT [2].



- ▶ Press the [**DATA/ENTER**] controller to select "Reed Type [2.1]" parameter .



### Selecting a reed type:

- ▶ Press the [**DATA/ENTER**] so that the parameter FOOT is activated (inverted illustration).



- ▶ Turn the [**DATA/ENTER**] controller to select if the reed type selection is for all reed footages (ALL) or for certain reed footage and confirm the selection by pressing the [**DATA/ENTER**] controller (the inverted illustration changes to TYPE).
- ▶ Turn the [**DATA/ENTER**] controller to select a reed type and press [**EXIT/JUMP**]

### Selecting a reed footage switch:

- ▶ Turn the [**DATA/ENTER**] controller until the display shows "Register [2.2]" and press [**DATA/ENTER**] so that the parameter FOOT is activated (inverted illustration).



- ▶ Turn the [**DATA/ENTER**] controller to select a reed footage switch and confirm the choice by pressing the [**DATA/ENTER**] controller (the inverted illustration changes to STATUS).
- ▶ Turn the [**DATA/ENTER**] controller to switch the reed footage switch on/off or to use it with "Cassotto"(the selected choice will be indicated in the display within the circle with black/ON, hollow/ON-CASSOTTO, no/OFF).
- ▶ Press [**EXIT/JUMP**].

### Selecting a Musette detune:

- Turn the [**DATA/ENTER**] knob until the display shows "Musette Detune [2.6]" and press [**DATA/ENTER**] so that the parameter TYPE is activated (inverted illustration).



- Turn the [**DATA/ENTER**] controller to select the system used for detuning the 8' reeds.
- Press [**EXIT/JUMP**]

### Saving and denominating:

- 1) Without saving, press and hold [**EXIT/JUMP**] to return to the main page.
- 2) To save press and hold [**MENU/WRITE**] button until the following page appears:

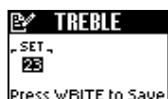


- 3) Press the [**DATA/ENTER**] knob to confirm your selection.



- 4) Use the [**DATA/ENTER**] knob to specify what you want to save:  
**Current:** the register you are currently editing  
**Current+SCom:** well as the Set Common settings  
**ALL:** All registers. This is probably the safest bet because it ensures that no Treble Register will be forgotten.
- 5) Press [**MENU/WRITE**] to confirm your selection.  
 Depending on what you chose in the previous step above, the display now looks as follows:

If you selected "Current"      If you selected "ALL"  
 or "Current+SCom"

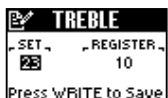


→ Skip to step 8)

- 6) Enter a name for the register you are about to save.  
 This is only necessary if you don't agree with the name that appears in the display.
  - Select the character position (indicated by a dark square) by pressing [**UP**] (next character), [**DOWN**] (previous character) or the [**DATA/ENTER**] knob (next character)
  - Turn the [**DATA/ENTER**] knob to select the desired character
  - Press [**UP**] and [**DOWN**] simultaneously to erase the currently selected character (it will become a space).
  - To insert a space before the currently selected character and push all subsequent character one position to the right, select the character that should follow the space, then press and hold [**UP**]
  - To delete the character indicated by the cursor and move subsequent characters one position to the left select it and press and hold [**DOWN**].



- 7) Press the [**MENU/WRITE**] button to jump to the following page:

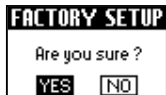


- 8) Turn the [**DATA/ENTER**] knob to select the SET that should contain your changed version(s). Change this setting only if you do not want to save your settings to the current SET.
- 9) (only for "Current":)  
Press the [**DATA/ENTER**] knob to select "REGISTER", then turn it to select the number of the register where you want to save your edited version (1~14).
- 10) Press the [**MENU/WRITE**] button to save your changes. The display briefly shows a confirmation:



## ACTIVATING FACTORY RESET

- Press and hold [**MENU/WRITE**] while you switch on the FR- 7/5 or FR-7b/5b.



- Press [**DATA/ENTER**] to initialize the FR- 7/5 or FR-7b/5b ("YES" has already been selected).

**Remark:** You can reset the FR- 7/5 or FR-7b/5b to its factory settings, which means that your own Sets and Global settings are replaced by the settings the FR- 7/5 or FR-7b/5b contained when you first go it. You may wish to archive your settings before initializing the FR- 7/5 or FR-7b/5b.